From the INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:

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NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

Date of mailing

(day/month/year)

07.09.2004

Priority date (day/month/year)

ORGAN, LEWIS & BOCKIUS I LP Applicant's or agent's file reference 57734-5005WO

International application No.

PCT/US 03/17300

International filing date (day/month/year)

03.06.2003

IMPORTANT NOTIFICATION

05.06.2002

Applicant

THE TEXAS A&M UNIVERSITY SYSTEM et al.

- 1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
- 2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
- 3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed inventions is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the international preliminary examining authority:



European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 Authorized Officer

Fuerbass, C

Tel. +49 89 2399-8132





INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference FOR FURTHER			See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)		
57734-5005WO		International filing date (day/mont	h/year) Priority date (day/month/year)		
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opplicant THE TEXAS A	&M UNIVERSITY	SYSTEM et al.			
This intern	national preliminary 6	examination report has been prepa	red by this International Preliminary Examining 36.		
f. This interr Authority	and is transmitted to	the applicant according to Article	36.		
2. This REP	ORT consists of a to	tal of 4 sheets, including this cove	r sheet.		
			and drawings which have		
☐ This	report is also accor n amended and are	the basis for this report and/or she	of the description, claims and/or drawings which the ets containing rectifications made before this Authority ructions under the PCT).		
(see	Rule 70.16 and Se	the basis for this report and/or she ction 607 of the Administrative Ins	ructions under the FOT).		
These an	nexes consist of a to	otal of sheets.			
O This rope	ort contains indicatio	ns relating to the following items:			
	*		·		
🛛	Basis of the opini				
	Priority	ot of opinion with regard to novelty	, inventive step and industrial applicability		
IV 🗆					
V ⊠	D and statem	ant under Rule 66.2(a)(ii) with reg	ard to novelty, inventive step or industrial applicability;		
• –	citations and exp	lanations supporting such stateme	nt .		
VI 🗆	Certain documen		·		
VII 🗆	Certain defects in	n the international application	n		
VIII 🗆	Certain observat	ions on the international applicatio	•		
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	t the demand	Date	of completion of this report		
Date of submis	sion of the demand				
12.12.2003		07.	09.2004		
12.12.2003			10/5		
Name and mai	ling address of the inte	rnational	norized Officer		
l	amining authority: European Patent Office		aon M		
37	D-80298 Munich Tel. +49 89 2399 - 0 T:	soasse opmud	gen, M		
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INTERNATIONAL PRELIMINARY **EXAMINATION REPORT**

International application No.

PCT/US 03/17300

1.	Basis	of	the	rep	ort
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1. With regard to the **elements** of the international application (Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):

	Desc	ription, Pages					
	1-24		as originally filed				
		Normalisana					
	Clair	ns, Numbers	as originally filed				
	1-35		as originally med				
	Drav	vings, Sheets					
	1/9-9		as originally filed				
With regard to the language, all the elements marked above were available or furnished to this language in which the international application was filed, unless otherwise indicated under this it							
	Thes	se elements were ava	ilable or furnished to this Authority in the following language: , which is:				
		the language of a trar	nslation furnished for the purposes of the international search (under Rule 23.1(b)).				
	П	the language of public	cation of the international application (under Rule 48.3(b)).				
		the language of a tran Rule 55.2 and/or 55.3	nslation furnished for the purposes of international preliminary examination (under 8).				
 With regard to any nucleotide and/or amino acid sequence disclosed in the international applinternational preliminary examination was carried out on the basis of the sequence listing: 							
		contained in the inter	national application in written form.				
		filed together with the	e international application in computer readable form.				
		furnished subsequen	itly to this Authority in written form.				
		furnished subsequently to this Authority in computer readable form.					
		The statement that the	ne subsequently furnished written sequence listing does not go beyond the disclosure polication as filed has been furnished.				
		The statement that the listing has been furn	he information recorded in computer readable form is identical to the written sequence				
4	4. The amendments have resulted in the cancellation of:						
		the description,	pages:				
		the claims,	Nos.:				
		the drawings,	sheets:				

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

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This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)).
(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this
report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims
No: Claims
Inventive step (IS)

Yes: Claims
No: Claims

1-35
No: Claims

1-35
No: Claims
No: Claims

2. Citations and explanations

see separate sheet

INTERNATIONAL PRELIMINARY

EXAMINATION REPORT - SEPARATE SHEET

- The following documents were cited in the international search report: 1.
 - D1: US 2002/043465 A1 (RYLATT DENNIS BRIAN ET AL) 18 April 2002 04-18)
 - D2: US-A-4 243 507 (MARTIN ARCHER J P ET AL) 6 January 1981 (1981-01
 - D3: EP-A-0 369 945 (ALIGENA AG) 23 May 1990 (1990-05-23)
 - D4: RIGHETTI P G ET AL: 'Protein purification in multicompartment electrolyzers with isoelectric membranes' JOURNAL OF CHROMATOGRAPHY B: BIOMEDICAL SCIENCES & APPLICATIONS, ELSEVIER SCIENCE PUBLISHERS, NL, vol. 699, no. 1-2, 10 October 1997 (1997-10-10), pages 105-115, XP004094992 ISSN: 1570-0232
 - D5: US 2002/060154 A1 (VIGH GYULA) 23 May 2002 (2002-05-23)
- Independent claim 1 meets the criteria set out in articles 35(2)-(4) PCT, because 2. the above cited prior art documents do not teach or fairly suggest such a method for separating an ampholytic component by electrophoresis.
- The teaching of prior art is generally the separation of ampholytes at their pl. Here the ampholytic component is separated in an non-isoelectric state (article 33(2)
- 2.2 The advantage over known isoelectric state separations is the velocity of the separation (article 33(3) PCT).
- Dependent claims 2-35 concern particular embodiments of the subject-matter of 3. above independent claim 1, and therefore, they fulfil the requirements of Articles 33(2) - (4) PCT as well.